

2004

Injury-related Emergency Dept. Visits

MA Youth & Young Adults, Ages 15-24 Years

There were 147,459 injury-related emergency department (ED) visits among Massachusetts youth between the ages of 15-24 years in FY2004. About 1 in 6 youth in this age group suffered an injury. The leading causes for this age group were struck by or against an object, and motor vehicle traffic injuries.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Uninten- tional	Intentional		Undeter- mined	Other & Legal			
		Self- inflicted	Assault					
Cut/pierce	14,734	986	671	72	1	16,464	11.2	1,933.7
Drowning/submersion	30	0	0	1		31	<0.1	3.6
Fall	19,639	7	3	19		19,668	13.3	2,310.0
Fire/burn	2,142	17	10	5		2,174	1.5	255.3
Firearms	74	2	82	36	1	195	0.1	22.9
Machinery	814					814	0.6	95.6
Natural/environmental	3,473	0		0		3,473	2.4	407.9
<i>Dog bites</i>	871	0		0		871	0.6	102.3
<i>Other bites & stings</i>	2,192	0		0		2,192	1.5	257.5
<i>All other (e.g. extreme cold)</i>	410	0		0		410	0.3	48.2
Overexertion	18160					18,160	12.3	2,132.9
Poisoning	1,133	1,289	9	790	1	3,222	2.2	378.4
Struck by, against	25,015	0	5,650	0	129	30,794	20.9	3,616.8
Suffocation/hanging	28	15	8	1		52	<0.1	6.1
Transport Injuries:	32,133	5	3	0	0	32,141	21.8	3,775.0
<i>Motor vehicle traffic-related</i>	29,060	5	3	0	0	29,068	19.7	3,414.0
<i>Occupant</i>	25,751					25,751	17.5	3,024.5
<i>Motorcyclist</i>	806					806	0.5	94.7
<i>Pedal cyclist</i>	342					342	0.2	40.2
<i>Pedestrian</i>	918					918	0.6	107.8
<i>Other person</i>	89					89	0.1	10.5
<i>Unspecified person</i>	1,154					1,154	0.8	135.5
<i>Pedal cyclist, other</i>	1,527					1,527	1.0	179.3
<i>Pedestrian, other</i>	67					67	0.0	7.9
<i>Other transport</i>	1,479					1,479	1.0	173.7
Other specified & classifiable	6,354	3	775	26	1	7,159	4.9	840.8
Other specified, not classifiable	1,611	165	1,292	53	1	3,122	2.1	366.7
Unspecified or incomplete code	7,192	78	811	37	29	8,147	5.5	956.9
Adverse Effects						470	0.3	55.2
No cause or intent provided						1,373	0.9	161.3
TOTALS	132,532	2,567	9,314	1,040	163	147,459	100.0	17,319.1
Injury ED Visit Rate by Intent	15,565.9	301.5	1,093.9	122.1	19.1	n/a	n/a	n/a

Source: MA Emergency Department Discharge Database, MA Division of Health Care, Finance and Policy.

—Analysis is based on a fiscal year (Oct 1, 2003 - Sep 30, 2004).

—Rates are per 100,000 residents. Rates are not calculated on counts of less than five, and those based on counts less than twenty may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data" based on ICD-9 codes. This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized and counts are excluded from the overall totals.

—Questions regarding the data presented here can be directed to the Injury Surveillance Program, MA Dept. of Public Health (617) 624-5648.

Data prepared by the Injury Surveillance Program, Center for Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health.
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